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CLAIMS:

What is claimed is:

1. A method in a data processing system including a
5 logically partitioned computer system and a hardware
management console, said hardware management console
being a stand-alone system separate from said computer
system, a service application being executable by said
10 hardware management console for managing service of and
placing service calls for said logically partitioned
computer system, said method comprising the steps of:
including a service partition and a service
processor within said logically partitioned computer
system;
15 monitoring, by said service processor, a presence of
said service application executing on said hardware
management console; and
in response to an absence of said service
application, reporting, utilizing said service partition
20 system, said absence of said service application to a
system administrator of said service partition.
2. The method according to claim 1, further comprising
the step of reporting, from said service processor, said
25 absence of said service application to said service
partition.
3. The method according to claim 1, further comprising
the steps of:
30 outputting a signal from said service application
utilizing said hardware management console to said
service processor; and

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utilizing said signal, by said service processor, to monitor a presence of said service application.

4. The method according to claim 3, further comprising
5 the step of determining that said service application is absent in response to an absence of said signal.

5. The method according to claim 3, further comprising the step of determining that said service application is
10 absent in response to an absence of said signal during a particular period of time.

6. The method according to claim 5, further comprising the steps of:

15 displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned computer system;
20 receiving an entry in response to said message; and in response to an entry that said hardware management console is disconnected from said logically partitioned computer system, displaying a message to said system administrator to reconnect said hardware
25 management console to said logically partitioned computer system.

7. The method according to claim 6, further comprising the steps of:

30 in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, displaying a

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message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

- 5 receiving an entry in response to said message; and
 in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware
10 management console and said logically partitioned computer system.

8. The method according to claim 7, further comprising the step of in response to an entry that said physical
15 links are intact, displaying a message utilizing said service partition prompting said system administrator to manually place a service call.

9. The method according to claim 5, further comprising
20 the steps of:

- displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;
25 receiving an entry in response to said message; and
 in response to an entry that said physical links are not intact, displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware
30 management console and said logically partitioned computer system.

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10. A data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate from said computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, comprising:

5 a service partition and a service processor included within said logically partitioned computer system;

said service processor for monitoring a presence of said service application executing on said hardware management console; and

15 in response to an absence of said service application, said service partition system for reporting said absence of said service application to a system administrator of said service partition.

11. The system according to claim 10, further comprising said service processor for reporting said absence of said service application to said service partition.

12. The system according to claim 10, further comprising:

25 said service application for outputting a signal utilizing said hardware management console to said service processor; and

said service processor for utilizing said signal to monitor a presence of said service application.

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13. The system according to claim 12, further comprising said service processor for determining that said service

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application is absent in response to an absence of said signal.

14. The system according to claim 12, further comprising
5 said service processor for determining that said service application is absent in response to an absence of said signal during a particular period of time.

15. The system according to claim 14, further
10 comprising:

said service partition for displaying a message prompting said system administrator of said service partition to check whether said hardware management console is connected to said logically partitioned
15 computer system;

an entry being received in response to said message;
and

in response to an entry that said hardware management console is disconnected from said logically
20 partitioned computer system, said logically partitioned computer system for displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

25 16. The system according to claim 15, further comprising:

in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, said service
30 partition for displaying a message prompting said system administrator to check physical links between said

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hardware management console and said logically partitioned computer system;

5 in response to an entry that said physical links are
not intact, said service processor for displaying a
message prompting said system administrator to
reestablish said physical links between said hardware
management console and said logically partitioned
10 computer system.

18. The system according to claim 14, further comprising:

20 said service partition for displaying a message
prompting said system administrator to check physical
links between said hardware management console and said
logically partitioned computer system;

in response to an entry that said physical links are not intact, said service partition for displaying a message prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

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19. A computer program product in a data processing system including a logically partitioned computer system and a hardware management console, said hardware management console being a stand-alone system separate
5 from said computer system, a service application being executable by said hardware management console for managing service of and placing service calls for said logically partitioned computer system, said computer program product comprising:

10 instruction means for including a service partition and a service processor within said logically partitioned computer system;

instruction means for monitoring, by said service processor, a presence of said service application
15 executing on said hardware management console; and

in response to an absence of said service application, instruction means for reporting, utilizing said service partition system, said absence of said service application to a system administrator of said
20 service partition.

20. The product according to claim 19, further comprising instruction means for reporting, from said service processor, said absence of said service
25 application to said service partition.

21. The product according to claim 19, further comprising:

instruction means for outputting a signal from said
30 service application utilizing said hardware management console to said service processor; and

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instruction means for utilizing said signal, by said service processor, to monitor a presence of said service application.

5 22. The product according to claim 21, further comprising instruction means for determining that said service application is absent in response to an absence of said signal.

10 23. The product according to claim 21, further comprising instruction means for determining that said service application is absent in response to an absence of said signal during a particular period of time.

15 24. The product according to claim 23, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator of said service partition to check whether
20 said hardware management console is connected to said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said hardware
25 management console is disconnected from said logically partitioned computer system, instruction means for displaying a message to said system administrator to reconnect said hardware management console to said logically partitioned computer system.

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25. The product according to claim 24, further comprising:

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in response to an entry of a message that said hardware management console is connected to said logically partitioned computer system, instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between said hardware management console and said logically partitioned computer system.

26. The product according to claim 25, further comprising in response to an entry that said physical links are intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to manually place a service call.

27. The product according to claim 23, further comprising:

instruction means for displaying a message utilizing said service partition prompting said system administrator to check physical links between said hardware management console and said logically partitioned computer system;

instruction means for receiving an entry in response to said message; and

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- in response to an entry that said physical links are not intact, instruction means for displaying a message utilizing said service partition prompting said system administrator to reestablish said physical links between
- 5 said hardware management console and said logically partitioned computer system.

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